

Product Document



Quick Start Guide

QG000128

TMD3702VC

Narrow ALS, Color and Proximity Sensor Evaluation Kit

TMD3702VC-EVM

v1-00 • 2018-Dec-12

Content Guide

1	Out of the Box.....	3	6	Contact and Support.....	9
2	Software Installation.....	4			
3	Connect Hardware.....	6			
4	Start the Application.....	7			
5	Uninstall Application.....	8			

1 Out of the Box

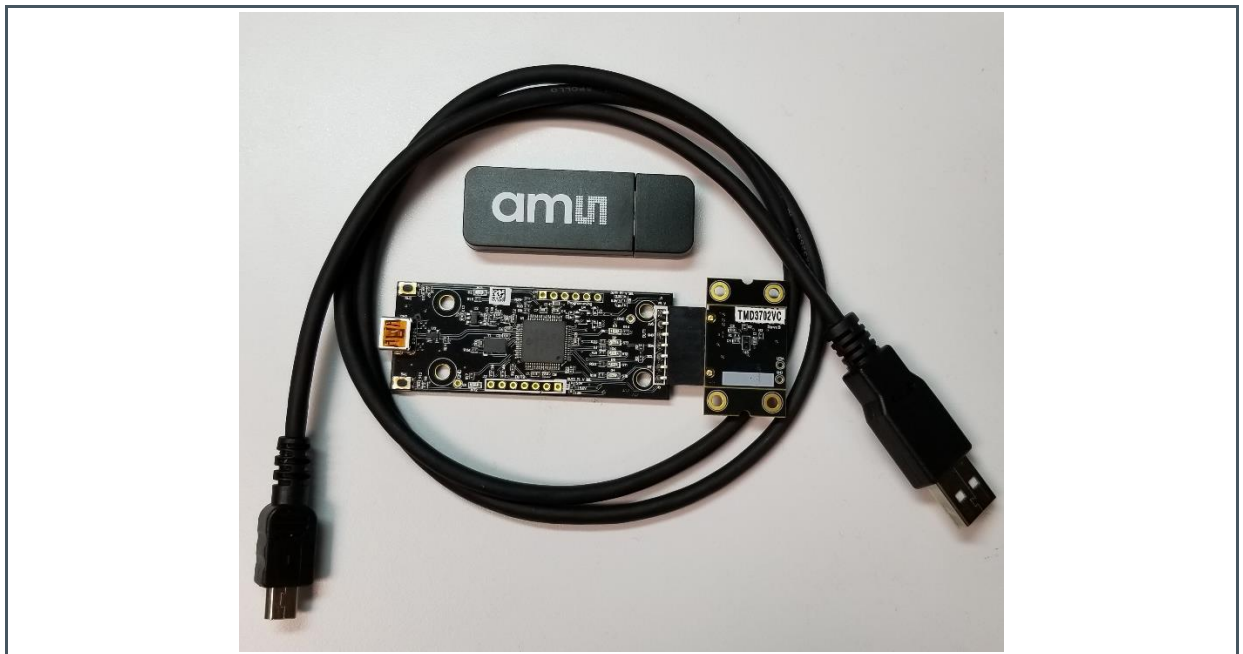


For a detailed description of the TMD3702VC Narrow ALS, Color and Proximity Sensor Evaluation Kit, please refer to User Guide:

- UG000414

Each TMD3702VC Evaluation Kit comes with the following components:

Figure 1:
Evaluation Kit Contents



No.	Item	Description
1	TMD3702VC Daughter Card	PCB with TMD3702VC sensor installed
2	EVM Controller Board	Used to communicate USB to I2C
3	USB Cable (A to Mini-B)	Connects EVM controller to PC
4	Flash Drive	Include application installer and documents

2 Software Installation

1. Plug in the **ams** flash drive into an unused USB port.
2. Double-click the **Setup.exe** file on the flash drive, or click Start > Run and type E:setup.exe and press Enter. **IMPORTANT:** Use the appropriate drive letter in the above command to install the software. Flash Drive will commonly be assigned the next available drive letter for example C: hard drive D: CD-ROM E: flash drive
3. The Setup Wizard will open and guide you through the installation of the TMD3702VC host software, (Figure 2 through 8).
4. At the end of the installation, click Finish to exit the setup.

Figure 2:
Welcome Screen



Figure 3:
Liability Disclaimer

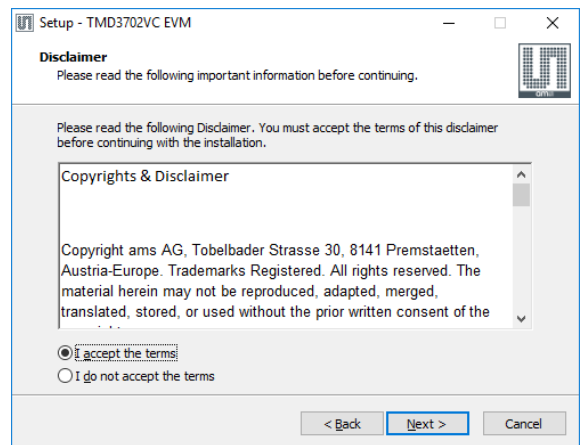


Figure 4:
Select Installation Folder

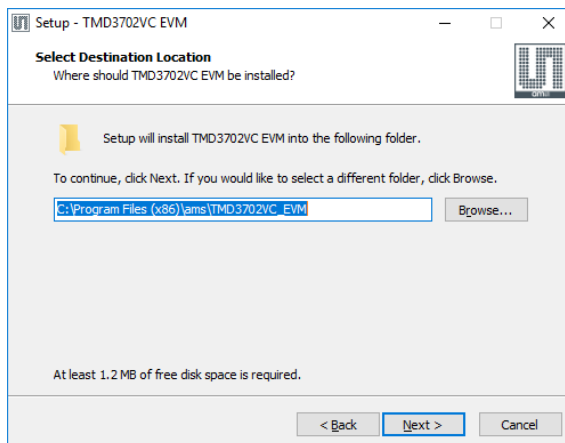


Figure 5:
Select Start Menu Folder

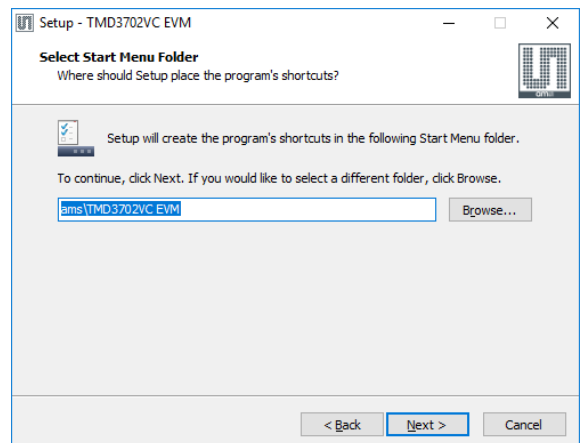


Figure 6:
Installation in Progress

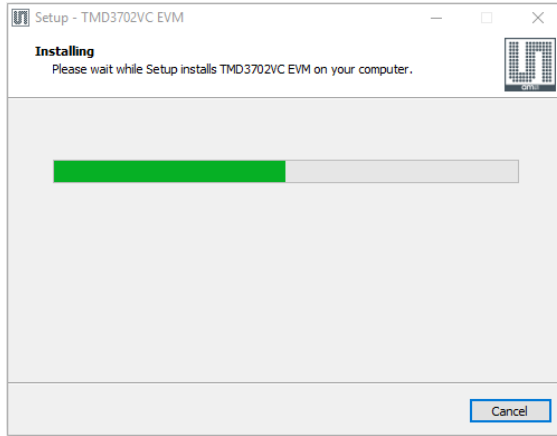


Figure 7:
Information Screen

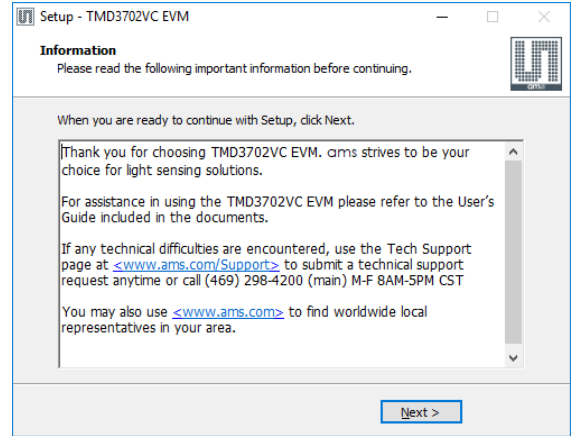
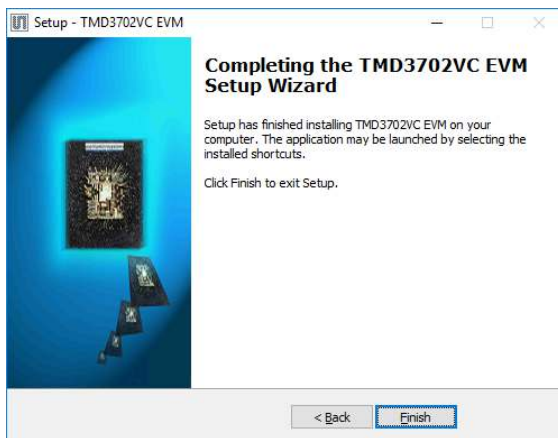


Figure 8:
Installation Completed Successfully



3 Connect Hardware

Plug the TMD3702VC Daughterboard into the Controller board. (Figure 1) Always use ESD procedures when handling the EVM.

Using the enclosed USB cable, plug the mini-B connector into the EVM module. Using the other end of the cable, plug the USB A-connector into a USB port on the computer.

When the USB cable is connected, the green LED should flash on power up to indicating that power is being received via the USB interface, and the controller board processor is running. If the green LED does not flash, check the USB cable connections; unplug the USB cable and try again. If the green LED still does not flash, check the PC for USB error messages.

4 Start the Application

To start the application select ams > TMD3702VC EVM > TMD3702VC EVM on the All Programs menu. The default installation directory depending on the device and the operating system you are using is:

C:\Program Files\ams\TMD3702VC_EVM Windows 32 bit operating systems

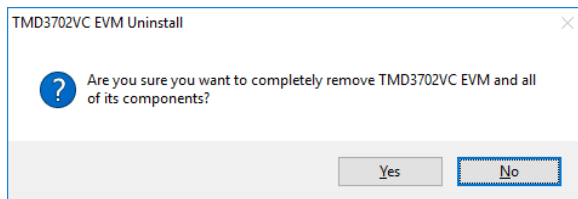
C:\Program Files (x86)\ams\TMD3702VC_EVM Windows 64 bit operating systems

A different install path may be selected by the user during the install (Figure 4). When started, the TMD3702VC window will open on the PC and automatically connect to the hardware.

5 Uninstall Application

To remove the software from your computer (Figure 9), select ams > TMD3702VC EVM > Uninstall TMD3702VC EVM or use the Windows Control Panel.

Figure 9:
Remove Installation



6 Contact and Support

For detail in using the TMD3702VC EVM please refer to the User's Guide included in the documents.

If any technical difficulties are encountered, use the Tech Support page at www.ams.com/Support to submit a technical support request anytime or call (469) 298-4200 (main) M-F 8AM-5PM CST

You may also use www.ams.com to find worldwide local representatives in your area.

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